

New Jersey Department of Transportation

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Baseline Document Change Announcement

Subsection 912.10, Eliminate use of lead in Thermoplastics

BDC02S-19

October 7, 2002

Subject: Revisions to Subsection 912.10 C, Thermoplastic, of the Metric and English 2001 Standard Specifications for Road and Bridge Construction.

Subsection 912.10 C, Thermoplastic of the *English and Metric 2001 Specifications for Road and Bridge Construction* are revised to eliminate the use of the leaded pigments in Thermoplastic markings, and to correct editorial errors in formula compositions.

The following revisions shall be incorporated in both the English unit Standard Input SI2001E1 and metric unit Standard Input SI2001M1:

SECTION 912 – PAINTS, COATINGS, AND MARKINGS

912.10 Pavements stripes or Markings

C. Thermoplastic

2. For white, the composition of the mixture shall be as follows:

Component

Percent by weight

THE FIRST AND FOURTH SENTENCES ARE CHANGED TO:

Resin/Binder 22-26 percent

Calcium Carbonate and Inert Fillers

(shall not contain silica other than as glass beads) 34-38 percent

3. THE FIRST SENTENCE OF THIS SUBPART IS CHANGE TO:

3. Only yellow non-lead formulas shall be used, the composition of the mixture shall be as follows:

Component

Percent by weight

THE FIRST AND FOURTH SENTENCES ARE CHANGED TO:

Resin/Binder 22-26 percent

Calcium Carbonate and Inert Fillers

(shall not contain silica other than as glass beads) 42-46 percent

Instructions to Designers:

Effective October 15, 2002, the above specification revision shall be included on all Department projects designed using the *English or Metric 2001 Standard Specifications*. The specification revision has been incorporated in the Standard Inputs *SI2001E1* and *SI2001M1* updated as of October 7, 2002.

Designers may access updated version of the Standard Inputs *SI2001E1* and *SI2001M1* from the following New Jersey Department of Transportation Web Page:

<http://www.state.nj.us/transportation/cpm/StandardInputs/standardinputs.htm>

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